PATENT APPLICATION

ATTORNEY DOCKET NO. __200208843-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Samuel D. Naffziger

Confirmation No.:

Application No.: Unknown

Examiner: Unknown

Filing Date:

Herewith

Group Art Unit:

Title:

SYSTEMS AND METHODS FOR GENERATING A CURRENT

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(x) under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

() under 37 CFR 1.97(c) together with either a:

() Statement under 37 CFR 1.97(e), or

() a \$180.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97 (d) together with a:

() Statement under 37 CFR 1.97(e)(1) or (2), and

() a \$180.00 fee set forth in 37 CFR 1.17(p).

(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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Date of Deposit 11.04.2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Typed Name: Leslie Ann Kuder

Respectfully submitted,

Samuel D. Naffziger

Christopher P. Harris

Attorney/Agent for Applicant(s)

Reg. No. 43,660

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Rev 10/03 (IDSXML)

(216) 621-2234

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO	Complete if Known			
	Application Number	Unknown		
INFORMATION DISCLOSURE	Filing Date	Herewith		
	First Named Inventor	Samuel D. Naffziger		
STATEMENT BY APPLICANT	Art Unit	Unknown		
(Use as many sheets as necessary)	Examiner Name	Unknown		
Sheet 1 of 1	Attorney Docket Number	200208843-1		

Examiner Initials*	Cite	Number-Kind Code ^{2 (d known)}	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
	No.1		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
		^{US-} 4,980,639	12.25.1990	Yoshizawa, et al.		
		^{US-} 5,557,620	09.17.1996	Miller, Jr., et al.		
		^{US-} 6,160,441	12.12.2000	Stratakos, et al.		
		^{US-} 6,469,533 B1	10.22.2002	Kurd, et al.		
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FOREIGN PATENT DOCUMENTS						
Examiner Initiats*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ³ -Number ⁴ -Kind Code ⁵	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.